



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P.O. Box 68, Oswatimie, KS 68064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company **Petroleum Technologies, Inc**

Well **Sawyer No. 3-1**

Field **Longacker Southeast**

County **Johnson** State **Kansas**

Location **1650 FSL & 4950' FEL**

Other Services **Perforate**

Sec. 29 Typ. 14s Rge. 22e

Permament Datum Log Measured From Drilling Measured From

Date 07-14-2011

Run Number One

Depth Driller 888.0

Bottom Logged Interval 887.8

Fluid Level 20.0

Fluid Level

Type Fluid **Water**

Density / Viscosity NA

Salinity - PPM Cl NA

Max. Recorded Temp NA

Estimated Cement Top 0.0

Equipment No. Location 107 Osawatomie

Recorded By Steve Winkler

Witnessed By Rick Singleton

BOREHOLE RECORD		CASING RECORD				
No.	BIT	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	7.00"	21.4	0.0	21.4
Two	5.825"	21.4	2.875"	0.0	0.0	870.0

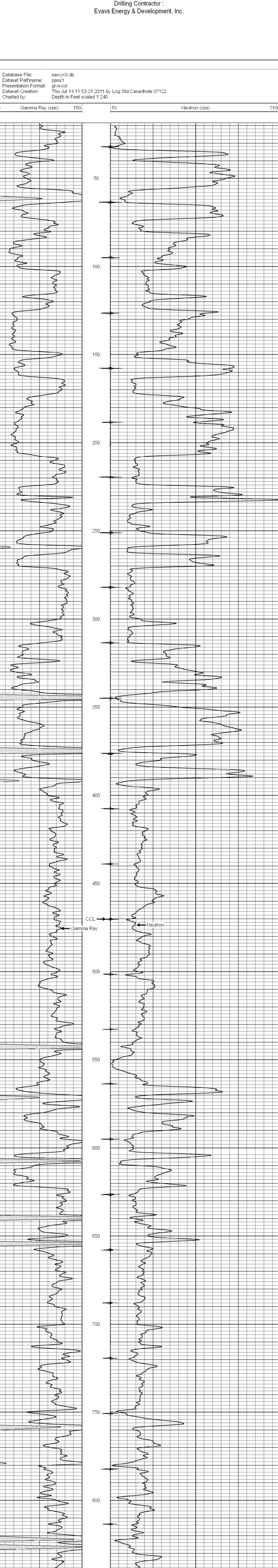
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :  
 Evavs Energy & Development, Inc.

Database File: sawyr3i.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Thu Jul 14 11:53:21 2011 by Log Std Casedhole 07122  
 Charted by: Depth in Feet scaled 1:240



07-21-2011  
 Perforated Interval  
 846.0 - 856.0 21 Perfs  
 2" DML RTG